

DAFTAR PUSTAKA

- Abdullah, S., Abidin, S. A. Z., Murad, N. A., Makpol, S., Ngah, W. Z. W., Yuso, Y. A. M., 2010, Ginger Extract (*Zingiber officinale*) Trigger Apoptosis and G0/G1 Cells Arrest in HCT 116 and HT 29 Colon Cancer Cell Lines. *Afr J Biochem Res* 4:134-142.
- Achmad, S. A., Euis, H. H., Lukman, M., Yana, M. S., Lia, D. J. dan Didin, M., 2009, *Ilmu Kimia Dan Kegunaan : Tumbuh-Tumbuhan Obat Indonesia Jilid I*. Penerbit ITB, Hal : 143-145.
- American Type Culture Cell, 2012, *The Morphology of MCF-7 cell line*– diakses tanggal 1 Januari 2019.
- Amir, A. dan Bambang, G.M., 2017, Uji Microtetrazolium (MTT) Ekstrak Metanol Daun *Phaleria macrocarpa* (Scheff.) Boerl Terhadap Sel Kanker Payudara MCF-7, *Jurnal Pendidikan dan Ilmu Kimia*, 1 (1) : 27-32.
- Arifianti L., Sukadirman, Studiawan H., Rakhmawati and Megawati L., 2014, Ekstrak biji Sirsak (*Annoma muricata* L.) Terhadap Sel Kanker Mamalia Secara Invitro, *Jurnal Farmasi dan Ilmu Kesehatan Indonesia*, 1 (2) : 63-66.
- Badarinath, A.V., Rao, K.M., Chetty, C.M.S., Ramkanth, S., Rajan, T.V.S. dan Gnanaprakash, K., 2010, A Review on In-vitro Antioxidant Methods: Comparisions, Correlations and Considerations, *International Journal of PharmTech Research*, 2 (2) : 1276-1285.
- Cancer Chemoprevention Research Center, 2013, Protokol Uji Sitotoksik Metode MTT, *Cancer Chemoprevention Research Center Fakultas Farmasi UGM* Terdapat di: <http://ccrc.farmasi.ugm.ac.id/wp-content/uploads/03.010.02-uji-sitotoksik-MTT.pdf> diakses pada tanggal 25 Juli 2019.
- Cancer Council, 2018, Understanding Complementary Therapies - A Guide For People with Cancer, Their Families and Friends First.
- Dipiro, J.T., Talbert, R.L., Yee, G.C., Matzke, G.R., Wells, B.G., *et al.*, 2008, *Pharmacotherapy: A Pathophysiologic Approach 7th edition*, McGraw-Hill Medica : 680.
- Ekowati, H., Septiyaningsih, Harwoko dan Trisnowati, 2010, Anticancer Activity of *Zingiber Officinale* and *Piper Retrofractum* Extract Combination on HeLa Cell Line, *The Journal Of Indonesian Medical Plant*, 3 (2) : 101-109.
- Ekowati, H., Anisyah, A., Eka, P., Hendri, W., Kadek, S., Zulia H. dan Tuti, E., 2012, *Zingiber officinale*, *Piper retrofractum* and Combination Induced Apoptosis and p53 Expression in Myeloma and WiDr Cell Lines, *HAYATI Journal of Biosciences*, 9 (3) : 137-140.

- Ghasemzadeh, A., Hawa, Z. E., Jaafa dan Asmah, R., 2015, Optimization Protocol For The Extraction of 6-gingerol And 6-shogaol From *Zingiber officinale* var. *rubrum* Theilade and Improving Antioxidant and Anticancer Activity Using Response Surface Methodology, *BMC Complementary and Alternative Medicine*, 15 (258) : 1-10.
- Hanani, E., 2014, Analisis Fitokimia, Penerbit Buku Kedokteran : EGC, Hal : 9.
- Hermawan, A., Meiyanto, E. dan Susidarti R. A., 2010, Hesperidin Meningkatkan Efek Sitotoksik Doxorubicin Pada Sel MCF-7, *Majalah Farmasi Indonesia* 21 (1) : 8-17.
- Kantayos, V., dan Yingyong, P., 2012, Antioxidant Activity and Selected Chemical Components of 10 *Zingiber* spp. in Thailand, *Journal of Developments in Sustainable Agriculture*, 7: 89-96.
- Katja, D.G., Farabi, K., Nurlelasari, Harneti, D., Mayanti, T., Supratman, U., Awang, K. dan Hayashi, H., 2017, Cytototoxic Constituents From The Bark of *Chisocheton cumingianus* (Meliaceae), *Journal of Asian Natural Products Research*, 19 : 194–200.
- Karnchanatat, A., Nathachai, T., Apaporn, B., Songchan, P. dan Polkit, S., 2011, Zingipain, A Cystein Protease from *Zingiber ottensii* Val Rhizomes With Antiproliferative Activities Against Fungi and Human Malignant Cell Lines, *Preparative Biochemistry & Biotechnology*, 41:138–153.
- Kementerian Kesehatan RI, 2015, *Pusat Data dan Informasi Kesehatan Republik Indonesia-Kanker*, Hal : 4.
- Kementerian Kesehatan RI, 2016, *Panduan Penatalaksanaan Kanker Payudara*, Komite Penanggulangan Kanker Nasional, Hal : 1.
- Masruroh I., 2011, Isolasi Senyawa Aktif Dari Bangle Hantu (*Zingiber ottensii*) Yang Berpotensi Sebagai Antiobesitas, *Skripsi*, Sekolah Pascasarjana Institut Pertanian Bogor.
- Mirmalek S.A., Azizi M.A., Jangholi E., Yadollah-Damavandi S., Javidi M.A., Parsa Y., Parsa T., Salimi-Tabatabaee S.A., Ghasemzadeh Kolagar H. and Alizadeh-Navaei R., 2015, Cytotoxic And Apoptogenic Effect of Hypericin, The Bioactive Component Of *Hypericum Perforatum* On The MCF-7 Human Breast Cancer Cell Line., *Cancer cell international*, 16 (3) : 1-9.
- Mitra, S. dan Dash, R., 2018, Natural Products for the Management and Prevention of Breast Cancer, *Hindawi Evidence-Based Complementary and Alternative Medicine Volume 2018* : 1-23.
- NCCN Guidelines, 2018, *Breast Cancer*, NCCN Evidence Blocks Ver. 3 2018, Hal : 79.

- Noverita, Dinah, F., dan Ernawati, S., 2009, Isolasi Dan Uji Aktivitas Antibakteri Jamur Endofit Dari Daun Dan Rimpang *Zingiber ottensii* Val, *Jurnal Farmasi Indonesia*, 4 (4) : 171 -176.
- Nurhayati, T. D., Aryanti, dan Nurjanah, 2009, Kajian Awal Potensi Ekstrak Spons Sebagai Antioksidan. *Jurnal Kelautan Nasional*, 2 (2) : 43-51.
- Postiglione, I., Angela, C. dan Giuseppe, P., 2011, Enhancing Photodynamic Therapy Efficacy by Combination Therapy: Dated, Current and Oncoming Strategies, *Cancers* (3) : 2597-2629.
- Prabowo, A.Y, T. Estiasih, I. Purwatiningrum, 2014, Umbi Gembili (*Dioscorea esculenta* L.) sebagai Bahan Pangan Mengandung Senyawa Bioaktif. *Jurnal Pangan dan Agroindustri*, 2 (3) : 129-135.
- Price, S. A. Dan Wilson, L. M., 2006, *Patofisiologi : Konsep Klinis Proses-Proses Penyakit*, Jakrata : EGC.
- Rad, M., Varoni, E. M., Salehi, B., Matthews, K. R., Ayatollahi, S. A., Kobarfard, F., Ibrahim, S. A., Mnayer, D., Zak aria, Z. A, Yousaf, Z., Iriti, M., Basile, A., dan Rigano, D., 2017, Plants of the Genus *Zingiber* as a Source of Bioactive Phytochemicals: From Tradition to Pharmacy, *Molecules*, (22) : 2145.
- Rahman, H. S., Rasedee, A., Yeap, S. K., Othman, H., Chartrand, M. S., Namvar, F., Abdul, A. B. dan How, C. H., 2014, Biomedical Properties of a Natural Dietary Plant Metabolite Zerumbone in Cancer Therapy and Chemoprevention Trials, *BioMed Research International*, vol. 2014 : 1-20.
- Riss, T. L., Richard, A. M., Andrew, L. N., Sarah, D., Helene, A.B., Tracy, J. W. dan Lisa, M., 2016, Cell Viability Assay – Assay Guidance Manual, Hal : 2.
- Sani, R.N., Fithri C.N., Ria D.A., dan Jaya M.M., 2014, Analisis Rendemen dan Skrining Fitokimia Ekstrak Etanol Mikroalga Laut *Tetraselmis chuii*, *Jurnal Pangan dan Agroindustri*, 2 (2) :121-126.
- Sakpakdeejaroen, I. dan Itharat, A., 2009, Cytotoxic Compounds Against Breast Adenocarcinoma Cells (MCF-7) from Pikutbenjakul, *J Health Res* (23) : 71-76.
- Satish, K. V., Rajkiran, R. B., Saurabh, K. S., Gurava, R. dan Thekkumalai, M., 2017, Anti-Cancer Potential Of A Mix Of Natural Extracts Of turmeric, Ginger And Garlic: A Cell-Based Study, *Egyptian Journal of Basic and Applied Sciences*, (2) : 332-334.
- Sinaga, E., Suprihatin. dan Wiryanti, I., 2011, Perbandingan Daya Sitotoksik Ekstrak Rimpang 3 Jenis Tumbuhan Zingiberaceae Terhadap Sel Kanker MCF-7, *Jurnal Farmasi Indonesia*, 5 (3) : 125-133.

- Sinaga, E., Suprihatin. dan Wiryanti, I., 2013, Anticancer Activity Of Bangle Hantu(*Z. ottensii* val.) Rhizomes on Brest Cancer Cell lines MCF-7, *Proceeding The 4th International Conference On Green Technology Faculty of Science and Technology Islamic of University State Mulana Malik Ibrahim Malang*, 1-7.
- Sulaeman, A., dan Patonah, N.P., 2017, Efek Pencegahan Ekstrak Etanol Bangle Hitam (*Zingiber ottensii* Val.) dan Daun Katuk (*Sauropus androgynus* (L.) Merr) Terhadap Kadar Lemak Darah pada Tikus Jantan Obesitas yang Diinduksi Pakan Tinggi Lemak dan Karbohidrat, *Prosiding Seminar Nasional APTFI II Banjarmasin*, 19-28.
- Sulistiyowati, C. B., 2011, Aktivitas Sitotoksik Ekstrak Etanol Rimpang Jahe (*Zingiber officinale* Roscoe) dan Jahe Merah (*Zingiber officinale* Roscoe var. *rubrum*) Terhadap Sel Kanker Payudara T47D. *Skripsi Universitas Muhammadiyah Surakarta*.
- Theera, S., Parinuch, C. , Waraporn, H.C. , Yaowapa S., and Kanyanatt, K., 2013, Phytochemical Screening and Cytotoxicity of Crude Extracts of *Vatica diospyroides* Symington Type LS, *Tropical Journal of Pharmaceutical* 12 (1), Hal : 71-76.
- Thubthimthed, S. *et al* ., 2005, Chemical Composition and Cytotoxic Activity of The Essential Oil of *Zingiber ottensii*, *Proc. WOCMAP III, Vol. 1: Bioprospecting & Ethnopharmacology Eds. J. Bernáth, É. Németh, L.E. Craker and Z.E.Gardner Acta Hort 675, ISHS*.
- US National Plant Database, 2016, Classification of *Zingiber officinale* – diakses pada 1 Januari 2019.
- Utami, D.S., 2018, Uji Potensi Antikanker Payudara Ekstrak Etanol Lidah Mertua (*Sansevieria trifasciata* Prain) Menggunakan Sel T47D Secara In Vitro, *Skripsi, Jurusan Biologi, Fakultas Sains dan Teknologi, Universitas Islam Negeri Mulana Malik Ibrahim Malang*.
- Valeton, 1918, *Bull. Jard. Bot. Buitenzorg II*, (27), Hal : 136.
- WHO, 2013, *Breast Cancer* - diakses tanggal 8 September 2018.
- WHO, 2018, *Cancer*, <http://www.who.int/news-room/fact-sheets/detail/cancer> diakses tanggal 8 September 2018.
- Widowati L. and Mudahar H., 2009, Ujiaktivitas ekstrak etanol 50% umbi keladi tikus (*Typhonium flagelliforme*) terhadap sel kanker payudara mcf-7 in vitro, *Dalam Media Litbang Kesehatan*, XIX (1) : 3–8.
- Win, N.N., Takuya, I., Hla N., Yi Y. W., Premab, Yasuko, O., Masami, T., Yoshinori, A., Ikuro, A., dan Hiroyuki, M., 2017, *Fitoterapia* 122 (2017) : 34–39.

- World Checklist Of Selected Plant Families, 2012, Classification of *Zingiber ottensii* – diakses pada 1 Januari 2019.
- Wuryantoro, H. Susanto, W. H., 2013, Penyusunan Standard Operating Industri Rumah Tangga Pangan Pemanis Alami Instan Sari Strvia (*Stevia rebaudia*), *Jurnal Pangan dan Agroindustri*, 2 (3) : 76-87.
- Yulianti, R., Ria, K., dan Puspa, E., 2014, Pengaruh Ekstrak Metanol Daun Sirsak (*Annona Muricata* Linn.) Terhadap Viabilitas Galur Sel Kanker Prostat, *Jurnal MKA*, 37 (3) : 187-197.